

S55 25 ((relative second adj order) adj2 (change difference differential derivative)) (second adj2 (differential derivative))) and (S45 S46 S47 S48 S49 S50 S52 S54 S51 S53) 2006/11/07 10:50
USPAT; DERWENT

S52 55 ((rate slope differen\$7) near2 (trajectory contour profile dynamic)) and ((band frequency hz hertz) near2 (high low channel filter\$4)) and (burst stop\$1 plosiv\$7 explosiv\$7 cvc\$1 cv\$1 glide consonant vowel liquid aspiration fricative sibilant) and ((onset transition\$4 trantient rise rising fall\$4 slop\$4) near2 (amplif\$7 enhanc\$7 emphasi\$7 (increas\$4 near amplitude))) and (speech\$9 or speak\$9 or voic\$9 or audio\$9 or acoustic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or articulat\$9 or verbal\$9 or oral\$9 or dictat\$7 or discours\$4 or conversation\$6) 2006/11/07 10:39 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S47 37 ("4589138" | "4771472" | "5007095") OR ("5530768") 2006/11/07 10:39 US-PGPUB; USPAT; USOCR

S44 0 ((relative second adj order) adj2 (change difference differential derivative)) (second adj2 (differential derivative))) and ((US-6104822-\$ or US-6078838-\$ or US-6064913-\$ or US-5991663-\$ or US-5903655-\$ or US-5488668-\$ or US-4996712-\$ or US-5402498-\$ or US-5371803-\$ or US-5278912-\$ or US-5215085-\$ or US-5165017-\$ or US-4441202-\$ or US-4887299-\$ or US-4593696-\$ or US-4536844-\$ or US-4515158-\$ or US-4390756-\$ or US-4357497-\$ or US-4249042-\$ or US-4191864-\$ or US-4061875-\$ or US-6732073-\$ or US-6308155-\$ or US-5583969-\$ or US-5408581-\$).did. or (US-5278910-\$ or US-6889186-\$ or US-5018200-\$ or US-4852170-\$ or US-4696039-\$ or US-3946157-\$ or US-5597380-\$ or US-5530768-\$ or US-6611800-\$ or US-6532443-\$ or US-6018707-\$ or US-5909663-\$ or US-5848387-\$ or US-5828996-\$ or US-5255339-\$ or US-5768474-\$).did. or (US-6078838-\$ or US-5903655-\$ or US-5371803-\$ or EP-787415-\$ or DE-3821970-\$ or US-5402498-\$ or EP-591441-\$ or US-4887299-\$ or US-5165017-\$ or EP-123626-\$ or GB-2192511-\$ or DE-3003315-\$ or US-4593696-\$ or US-4357497-\$ or US-4191864-\$ or US-4061875-\$ or EP-54418-\$ or US-4249042-\$ or EP-29048-\$ or EP-1168306-\$ or US-5583969-\$ or AU-9217065-\$ or EP-360265-\$ or US-4852170-\$ or EP-140249-\$).did.) 2006/11/07 10:35 USPAT; DERWENT

S43 0 ((relative second adj order) adj2 (change difference differential derivative)) and ((US-6104822-\$ or US-6078838-\$ or US-6064913-\$ or US-5991663-\$ or US-5903655-\$ or US-5488668-\$ or US-4996712-\$ or US-5402498-\$ or US-5371803-\$ or US-5278912-\$ or US-5215085-\$ or US-5165017-\$ or US-4441202-\$ or US-4887299-\$ or US-4593696-\$ or US-4536844-\$ or US-4515158-\$ or US-4390756-\$ or US-4357497-\$ or US-4249042-\$ or US-4191864-\$ or US-4061875-\$ or US-6732073-\$ or US-6308155-\$ or US-5583969-\$ or US-5408581-\$).did. or (US-5278910-\$ or US-6889186-\$ or US-5018200-\$ or US-4852170-\$ or US-4696039-\$ or US-3946157-\$ or US-5597380-\$ or US-5530768-\$ or US-6611800-\$ or US-6532443-\$ or US-6018707-\$ or US-5909663-\$ or US-5848387-\$ or US-5828996-\$ or US-5255339-\$ or US-5768474-\$).did. or (US-6078838-\$ or US-5903655-\$ or US-5371803-\$ or EP-787415-\$ or DE-3821970-\$ or US-5402498-\$ or EP-591441-\$ or US-4887299-\$ or US-5165017-\$ or EP-123626-\$ or GB-2192511-\$ or DE-3003315-\$ or US-4593696-\$ or US-4357497-\$ or US-4191864-\$ or US-4061875-\$ or EP-54418-\$ or US-4249042-\$ or EP-29048-\$ or EP-1168306-\$ or US-5583969-\$ or AU-9217065-\$ or EP-360265-\$ or US-4852170-\$ or EP-140249-\$).did.) 2006/11/07 10:33
USPAT; DERWENT

S51 55 "704"/\$.ccls. and (burst stop\$1 plosiv\$7 explosiv\$7 cvc\$1 cv\$1 glide consonant vowel liquid aspiration fricative sibilant) and ((onset transition\$4 trantient ris\$4 fall\$4 slop\$4) near2 (amplif\$7 enhanc\$7 emphasi\$7 (increas\$4 near amplitude))) 2006/11/07 10:39 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S48 44 ("4061875"|"4191864"|"4249042"|"4357497"|"4390756"|"4441202"|"4515158"|"4536844"|"4593696"|"4887299"|"4996712"|"5165017"|"5215085"|"5278912"|"5371803"|"5402498"|"5488668"|"5903655"|"5991663"|"6064913"|"6078838"|"6104822").PN. 2006/11/07 10:39 US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB

S49 97 (amplif\$7 enhanc\$7 increas\$7 emphasi\$7 (increas\$4 near amplitude)) near2 (burst onset edge transient) and "704"/\$.ccls. 2006/11/07 10:39 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

Application/Control Number:
10/088,334

EAST search

November 17,
2006

S53 25 "704"/\$.ccls. and (burst stop\$1 plosiv\$7 explosiv\$7 cvc\$1 cv\$1 glide consonant vowel liquid aspiration fricative sibilant) and (onset transition\$4 trantient ris\$4 fall\$4 slop\$).ti,ab. and (amplif\$7 enhanc\$7 emphasi\$7 (increas\$4 near amplitude)).ti,ab. 2006/11/07 10:39 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S54 67 (US-6104822-\$ or US-6078838-\$ or US-6064913-\$ or US-5991663-\$ or US-5903655-\$ or US-5488668-\$ or US-4996712-\$ or US-5402498-\$ or US-5371803-\$ or US-5278912-\$ or US-5215085-\$ or US-5165017-\$ or US-4441202-\$ or US-4887299-\$ or US-4593696-\$ or US-4536844-\$ or US-4515158-\$ or US-4390756-\$ or US-4357497-\$ or US-4249042-\$ or US-4191864-\$ or US-4061875-\$ or US-6732073-\$ or US-6308155-\$ or US-5583969-\$ or US-5408581-\$).did. or (US-5278910-\$ or US-6889186-\$ or US-5018200-\$ or US-4852170-\$ or US-4696039-\$ or US-3946157-\$ or US-5597380-\$ or US-5530768-\$ or US-6611800-\$ or US-6532443-\$ or US-6018707-\$ or US-5909663-\$ or US-5848387-\$ or US-5828996-\$ or US-5255339-\$ or US-5768474-\$).did. or (US-6078838-\$ or US-5903655-\$ or US-5371803-\$ or EP-787415-\$ or DE-3821970-\$ or US-5402498-\$ or EP-591441-\$ or US-4887299-\$ or US-5165017-\$ or EP-123626-\$ or GB-2192511-\$ or DE-3003315-\$ or US-4593696-\$ or US-4357497-\$ or US-4191864-\$ or US-4061875-\$ or EP-54418-\$ or US-4249042-\$ or EP-29048-\$ or EP-1168306-\$ or US-5583969-\$ or AU-9217065-\$ or EP-360265-\$ or US-4852170-\$ or EP-140249-\$).did. 2006/11/07 10:39 USPAT; DERWENT

S45 12 ("4,696,039" "4,852,170" "5,018,200" "5,583,969" "6889186" "3946157").pn. 2006/11/07 10:38 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S46 32 "5597380" 2006/11/07 10:39 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S50 0 "704"/\$.ccls. and (burst stop\$1 plosiv\$7 explosiv\$7 cvc\$1 cv\$1 glide consonant vowel liquid aspiration fricative sibilant) and ((onset transition\$4 trantient ris\$4 fall\$4).ti,ab. near2 (amplif\$7 enhanc\$7 emphasi\$7 (increas\$4 near amplitude)).ti,ab.) 2006/11/07 10:36 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S78 85 ((rate slope differen\$7)).clm. and ((band frequency hz hertz) near2 (high low channel filter\$4)).clm. and ((onset transition\$4 trantient rise rising fall\$4 slop\$4) near2 (amplif\$7 enhanc\$7 emphasi\$7 (increas\$4 near amplitude))).clm. 2006/11/17 09:01 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S76 0 ((rate slope differen\$7) near2 (trajectory contour profile dynamic)).clm. and ((band frequency hz hertz) near2 (high low channel filter\$4)).clm. and ((onset transition\$4 trantient rise rising fall\$4 slop\$4) near2 (amplif\$7 enhanc\$7 emphasi\$7 (increas\$4 near amplitude))).clm. and (speech\$9 or speak\$9 or voic\$9 or audio\$9 or acoustic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or sing or singi\$9 or song or phonem\$9 or phonet\$9 or articulat\$9 or verbal\$9 or oral\$9 or dictat\$7 or discours\$4 or conversation\$6).clm. 2006/11/17 08:58 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S77 0 ((rate slope differen\$7) near2 (trajectory contour profile dynamic)).clm. and ((band frequency hz hertz) near2 (high low channel filter\$4)).clm. and ((onset transition\$4 trantient rise rising fall\$4 slop\$4) near2 (amplif\$7 enhanc\$7 emphasi\$7 (increas\$4 near amplitude))).clm. 2006/11/17 08:59 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S80 1 ((band frequency hz hertz) near2 (high low channel filter\$4)).clm. and ((onset transition\$4 trantient rise rising fall\$4 slop\$4) near2 (amplif\$7 enhanc\$7 emphasi\$7 (increas\$4 near amplitude))).clm. and (relative adj2 differen\$5).clm. 2006/11/17 09:03 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S81 0 ((band frequency hz hertz) near2 (high low channel filter\$4)).clm. and ((onset transition\$4 trantient rise rising fall\$4 slop\$4) near2 (amplif\$7 enhanc\$7 emphasi\$7 (increas\$4 near amplitude))).clm. and (amplitude near2 differen\$5).clm. 2006/11/17 09:04 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S79 101 ((band frequency hz hertz) near2 (high low channel filter\$4)).clm. and ((onset transition\$4 trantient rise rising fall\$4 slop\$4) near2 (amplif\$7 enhanc\$7 emphasi\$7 (increas\$4 near amplitude))).clm. 2006/11/17 09:02 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB